

WHAT IS CLAIMED IS:

1. An image display medium comprising:
 - a display plate including light transmissivity;
 - a colored rear face plate which is disposed to oppose the display plate;
 - a substantially transparent dispersion fluid which is disposed between the plates; and
 - at least two kinds of colored particles, which are contained in the dispersion fluid, can move in accordance with an electric field formed between the plates, and include different electrostatic characteristics and optical characteristics from one another.
2. The image display medium of claim 1, further comprising a plurality of cells formed between the plates, wherein the dispersion fluid containing the colored particles is enclosed in the cells in predetermined amounts.
3. The image display medium of claim 1, further comprising a plurality of electrodes for forming the electric field, which are disposed at least one of the display plate and the rear face plate.
4. The image display medium of claim 1, further comprising a plurality of capsules disposed between the plates, wherein the dispersion fluid containing the colored particles is enclosed in the capsules in predetermined amounts.
5. The image display medium of claim 1, wherein the rear face plate

comprises a layer which is colored each of red, green and blue.

6. The image display medium of claim 1, wherein the rear face plate comprises a layer which is colored each of cyan, magenta and yellow.

7. An image display medium comprising:

- a display plate including light transmissivity;

- a rear face plate which is disposed to oppose the display plate;

- an intermediate plate including light transmissivity, which is disposed between the display plate and the rear face plate;

- a first dispersion fluid disposed between the display plate and the intermediate plate;

- a second dispersion fluid disposed between the intermediate plate and the rear face plate;

- at least two kinds of colored particles, which are contained in the first dispersion fluid, can move in accordance with an electric field, and include different electrostatic characteristics and optical characteristics from one another; and

- at least two other kinds of colored particles, which are contained in the second dispersion fluid, can move in accordance with an electric field, include different electrostatic characteristics and optical characteristics from one another, and differ from the colored particles in the first dispersion fluid.

8. The image display medium of claim 7, further comprising:

- a plurality of first cells formed between the display plate and the

intermediate plate; and

a plurality of second cells formed between the intermediate plate and the rear face plate, wherein

the first dispersion fluid containing the colored particles is enclosed in the first cells in predetermined amounts, and

the second dispersion fluid containing the other colored particles is enclosed in the second cells in predetermined amounts.

9. The image display medium of claim 7, further comprising at least one electrode at each of the display plate, the intermediate plate and the rear face plate.

10. An image display medium comprising:

a display plate including light transmissivity;

a rear face plate which is disposed to oppose the display plate;

a colored dispersion fluid which is disposed between the plates; and

at least two kinds of colored particles, which are contained in the dispersion fluid, can move in accordance with an electric field formed between the plates, and include different electrostatic characteristics and optical characteristics from one another.

11. The image display medium of claim 10, further comprising a plurality of cells formed between the plates, wherein the dispersion fluid containing the colored particles is enclosed in the cells in predetermined amounts.

12. The image display medium of claim 10, further comprising a plurality of electrodes for forming the electric field, which are disposed at at least one of the display plate and the rear face plate.

13. An image display device comprising

(a) an image display medium including: a display plate including light transmissivity; a colored rear face plate which is disposed to oppose the display plate; a substantially transparent dispersion fluid which is disposed between the plates; at least two kinds of colored particles, which are contained in the dispersion fluid, can move in accordance with an electric field formed between the plates, and include different electrostatic characteristics and optical characteristics from one another; and a plurality of electrodes for forming the electric field, which are disposed at at least one of the display plate and the rear face plate, and

(b) a voltage application apparatus which applies voltages to the electrodes in accordance with image information.

14. An image display device comprising

(a) an image display medium including: a display plate including light transmissivity; a colored rear face plate which is disposed to oppose the display plate; a substantially transparent dispersion fluid which is disposed between the plates; and at least two kinds of colored particles, which are contained in the dispersion fluid, can move in accordance with an electric field formed between the plates, and include different electrostatic characteristics and optical characteristics from one another,

(b) a plurality of electrodes for forming the electric field, which are disposed at at least one of the display plate and the rear face plate, and

(c) a voltage application apparatus which applies voltages to the electrodes in accordance with image information.

15. An image display method for an image display medium,

which image display medium includes:

a display plate including light transmissivity;

a colored rear face plate which is disposed to oppose the display plate;

a substantially transparent dispersion fluid which is disposed between the plates; and

at least two kinds of colored particles, which are contained in the dispersion fluid, can move in accordance with an electric field formed between the plates, and include different electrostatic characteristics and optical characteristics from one another,

the image display method comprising the steps of:

of the colored particles, adhering selected particles all across at least one of the display plate and the rear face plate, and clustering the other colored particles at a location at which the other colored particles substantially do not hinder image display; and

clustering all of the colored particles at locations at which the colored particles substantially do not hinder image display.

16. An image display method for an image display medium,

which image display medium includes:

a display plate including light transmissivity;
a colored rear face plate which is disposed to oppose the display plate;
at least two kinds of colored particles, which can move between the plates in accordance with an electric field formed between the plates and which include different electrostatic characteristics and optical characteristics from one another;

a plurality of cells formed between the plates, a dispersion fluid containing the colored particles being enclosed in the cells in predetermined amounts; and

a plurality of electrodes for forming the electric field, which are disposed at at least one of the display plate and the rear face plate, each of the cells having at least three of the electrodes exclusively allocated thereto, and D.C. voltages being applicable to the at least three electrodes mutually independently,

the image display method comprising the steps of:

of the colored particles in at least one of the cells, adhering a selected one kind of the colored particles all across at least one of the display plate and the rear face plate, and clustering the other colored particles at a location at which the other colored particles substantially do not hinder image display; and

clustering all of the colored particles in the at least one cell at locations at which the other colored particles substantially do not hinder image display.